



**BUSITEMA
UNIVERSITY**
Pursuing Excellence

46/60

P.O. Box 236, Tororo, Uganda
Tel: +256-414-690156
Fax: +256-454-436517
Email: univlib@lib.busitema.ac.ug
Website: www.busitema.ac.ug

A REPORT ON INDUSTRIAL TRAINING CARRIED OUT IN KUMI MUNICIPAL COUNCIL ON ANIMAL PRODUCTION AND MANAGEMENT UNDER LOCAL GOVERNMENT FROM 21ST MAY - 27TH JULY 2018 BY OKORE IGNATIUS

2

REG No: BU/UP/2017/938

PROGRAM: DIPLOMA IN ANIMAL PRODUCTION AND MANAGEMENT.

STREAM: 1A

EMAIL: okoreignatius@gmail.com

TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION

FACULTY OF AGRICULTURE AND ANIMAL SCIENCES BUSITEMA UNIVERSITY IN PARTIAL FULFILLMENT FOR THE AWARD OF

A DIPLOMA IN ANIMAL PRODUCTION AND MANGEMENT.

DATE OF SUBMISSION ..19..../...9.../2018

DECLARATION

I Okore Ignatius hereby declare that this industrial training report is my own original task and it has never been submitted to any institution or university.

Sign.....

Date.....27/8/2018

①

APPROVAL

This is to certify that this Industrial training report has been submitted with approval and supervision of both Academic supervisor, staff of Kumi Municipal Council and Veterinary Department.

ACADEMIC SUPERVISOR

NAME: DR. ACOROI CHARLES

SIGN:

DATE:

FIELD SUPERVISOR.

NAME: DR. APOLOT JANE FRANCES

SIGN: 

DATE:



DEDICATION

With great pleasure and honor I would like to dedicate this report to my beloved family, my parents, Mr. Okia John Peter and Ms. Akello Lydia for their continuous support and encouragement during my field work.



ACKNOWLEDGEMENT

I give glory to God Almighty for giving me the grace to successfully complete my Industrial Training.

I would like to thank the Animal Husbandry Officer Kumi Municipal council Dr. Apolot Jane Frances for permitting me to conduct my Industrial Training in the Production Department in Kumi Municipal Council and continuously supporting and encouraging me throughout my attachment.

I also want to thank the Veterinary Department for their support rendered during the attachment.

Finally I would like to thank the Abattoir staff that is, C/P Mr. Ogwang Rashid, Slaughter man Mzee Magid and all the flay men and the business oriented personnel who supply animals for slaughter every day.

(1)

LIST OF ABBREVIATIONS.

DVO: District Veterinary Officer

AHO: Animal Husbandry Officer

KMA: Kumi Municipal Abattoir

Dr. : Doctor

Mr. Mister

C/P : Chairperson

e.g : For example.

s/c : Sub Cutaneous

Lc1s: Local Council one's.

i.e : That is to say.

etc: Extra.

I.M: Intra Muscular.

DAP: Diploma in Animal Production and Management.

M : Males.

F : Females.



LIST OF TABLES AND FIGURES.

Table 1: Showing the summary of Pets vaccinated in a whole of Kumi Municipality from 4th June 2018 to 13th June 2018

Table 2: Showing common ticks I identified and sites where they were found on the animals.

Table 3: Showing internal parasites that I identified, conditions that they caused to livestock, the site where they were found on livestock and number of animals affected.

Table 4: Showing a guide I used for estimating animal age by their teeth.

Figure 1: shows an internee (Okore Ignatius) carrying out post mortem inspection on poultry and cattle in Kumi slaughter shed

Figure 2: shows an internee (Okore Ignatius) vaccinating pets against Rabies.

Figure 3: shows flaying at the abattoir.

Figure 4: shows an animal affected by Lumpy skin disease and the treatment of the affected animal.

Figure 5: shows intern student (Okore Ignatius) administering *Ivermectin* by s/c route to control endo and ecto-parasites.

Figure 6: shows a cow affected by mastitis and treatment given.

Figure 7: Shows vaccination of birds.

Figure 8: shows trimming of a liver infested by liver flukes (*Fasciola hepatica*) and an inflamed spleen (*Splenomegally*), clinical sign for Anaplasmosis.

Figure 9: shows *Oesophagostomum radiatum* infestation in shoats.



TABLE OF CONTENTS

DECLARATION:	<i>i</i>
APPROVAL:	<i>ii</i>
DEDICATION:	<i>iii</i>
ACKNOWLEDGEMENT:	<i>iv</i>
LIST OF ABBREVIATIONS	<i>v</i>
LIST OF TABLES AND FIGURES	<i>vi</i>
ABSTRACT:	<i>vii</i>
1. 0. INTRODUCTION	<i>1</i>
1.1.0. LOCATION AND BACKGROUND OF KUMI MUNICIPALITY	<i>1</i>
1.1.1. Historical Background and Administrative set up	<i>1</i>
1.1.2. LOCATION OF KUMI MUNICIPAL COUNCIL	<i>1</i>
1.1.3 KEY GEOGRAPHICAL INFORMATION OF KUMI MUNICIPAL COUNCIL	<i>2</i>
1.1.4 VISION, MISSION, GOAL AND OBJECTIVES	<i>2</i>
CHAPTER TWO	<i>4</i>
2.0 DESCRIPTION OF ACTIVITIES	<i>4</i>
2.1 MEAT INSPECTION	<i>4</i>
2.1.0 ANTE MORTEM	<i>4</i>
2.1.1 POST MORTEM INSPECTION	<i>5</i>
2.1.2 VACCINATION OF PETS (DOGS AND CATS)	<i>8</i>
2.1.3. VACCINATION OF BIRDS AGAINST NEW CASTLE	<i>10</i>
2.1.4. DISEASE INVESTIGATION	<i>10</i>
2.1.5. TREATMENT OF COWS AFFECTED BY MASTITIS	<i>10</i>
2.1.6. TREATMENT OF ANIMALS AFFECTED BY LUMPY SKIN DISEASE	<i>11</i>
2.1.7. TREATMENT OF CALVES AFFECTED BY EAST COAST FEVER	<i>11</i>
2.1.8. TREATMENT OF CATTLE AFFECTED BY ANAPLASMOSIS	<i>11</i>
2.1.9. TREATMENT OF CATTLE AFFECTED BY TRYPANOSOMIASIS	<i>11</i>
2.2.0. TREATMENT OF CATTLE AFFECTED BY HEART WATER	<i>12</i>
2.2.1. TREATMENT OF CATTLE AGAINST WORM INFESTATION	<i>12</i>
2.2.2. IDENTIFICATION OF PARASITES	<i>12</i>
2.2.3 AGING OF LIVESTOCK	<i>13</i>
2.2.4. CASTRATION OF PIGS AND BULLS	<i>14</i>
2.2.5. IDENTIFICATION AND MANAGEMENT OF PASTURES	<i>14</i>
CHAPTER THREE	<i>15</i>
3.0 IMPACT OF THE STUDY	<i>15</i>
3.1 ACHIEVEMENTS	<i>15</i>
3.2 RESPONSIBILITIES HELD DURING THE ATTACHMENT	<i>15</i>
3.3 LIMITATIONS	<i>16</i>
3.4 CORRELATION OF THE ATTACHMENT WITH CLASSROOM WORK	<i>16</i>
CHAPTER FOUR: CONCLUSION AND RECOMMENDATION	<i>17</i>
4.1 CONCLUSIONS	<i>17</i>
4.2 RECOMMENDATIONS	<i>17</i>
APPENDICES	<i>18</i>
WORK PLAN	<i>25</i>
REFERENCES	<i>28</i>

ABSTRACT

During my Industrial Training at Kumi Municipal Council in Kumi District, I was attached to the Production Department under the supervision of Head of Production Officer Dr. Apolot Jane Frances.

The main objective of this report is to summarize the various aspects of Livestock Production, Skills acquired and also to pass the examination. Among the skills attained include; Meat inspection procedure, Vaccination of Pets, Identification and Management of Parasites, General animal examination, Disease investigation, Identification, Control and Treatment, Castration of animals, Identification and Management of Pastures, Treatment of sick animals, Determination of animal age etc.

The Industrial Training was successfully conducted due to good cooperation with the Administration and Community of Kumi Municipality.

I have also met and made new friends in the Veterinary and Production Departments.

Finally I recommend the Municipal Council Administration to continue lobbying for funds from donors so to purchase enough Vaccines, Practical equipments and other Drugs for Pets, Poultry, Shoats and Bovine.

I also recommend the University to take students to the nearby meat inspection areas within the campus before sending them out for Internship.

(5)

CHAPTER ONE:

1. 0. INTRODUCTION

This Industrial Training attachment was done from May 21st - July 27th 2018 at Kumi Municipal Council. I was endorsed to conduct an industrial training [IT] from any recognized agricultural institution as it was one of the requirements needed to get the award of Diploma in Animal Production and Management [DAP] of BUSITEMA UNIVERSITY ARAPAI CAMPUS.

1.1.0. LOCATION AND BACKGROUND OF KUMI MUNICIPALITY

1.1.1. Historical Background and Administrative set up

Kumi Municipality started as a colonial administrative Centre with authority to maintain law and order and collect taxes for the provision of social services e.g. Health, Education and Roads. The Municipality later established itself as a commercial Centre with the arrival of Asians and building of the railway in about 1928. Kumi Town was declared a Planning Area in 1974 under the status of a Town Board.

Later on it was declared a Town Council in 1975 upon Kumi District being Created out of Mother Teso District in 1975 hence its name. Kumi Municipal Council was upgraded on 1st July 2015 having been elevated from the Town Council of Kumi, by adding 5 parishes of Kumi Sub County in the North and 4 parishes from Atatur Sub County in the South. It started operating as Municipal Council a Year later in July 2016.

The municipal is made up of two divisions, 14 wards and 26 cells.

The present day boundaries of the Municipal include Atatur and Ongino Sub County to the East, Kumi Sub County to the North, Nyero Sub County to the West and Kanyum Sub County to the South.

1.1.2. LOCATION OF KUMI MUNICIPAL COUNCIL

Kumi Municipality is located in Kumi district in Eastern Uganda, and it is approximately 305 Kilometers from Kampala city on the Kampalá -Mbale- Soroti highway. It lies approximately between latitude 1°10' North and 1°35' North and Longitude 33°30' East and 34°20' East Covering an approximate land area of 35 Square Kilometers. It is the main Commercial Centre and houses the Political and Administrative Headquarters of the Kumi District.